

To: Beeler, Cindy[Beeler.Cindy@epa.gov]; Tonnesen, Gail[Tonnesen.Gail@epa.gov]
Cc: Gilbert, Alexas[Gilbert.Alexas@epa.gov]; Smith, Claudia[Smith.Claudia@epa.gov]; Siffring, Stuart[Siffring.Stuart@epa.gov]; Rothery, Deirdre[Rothery.Deirdre@epa.gov]; Morales, Monica[Morales.Monica@epa.gov]
From: Dresser, Chris
Sent: Thur 10/15/2015 1:54:43 PM
Subject: RE: U&O FIP - Emission Reductions By Pollutant

Thanks Cindy. I added a summary of this information to the co-benefits discussion in the TSD.

Chris Dresser

U.S. EPA – Region 8

1595 Wynkoop Street

Denver, Colorado 80202-1129

Phone: (303) 312-6385

From: Beeler, Cindy
Sent: Wednesday, October 14, 2015 5:16 PM
To: Tonnesen, Gail
Cc: Gilbert, Alexas; Smith, Claudia; Dresser, Chris; Siffring, Stuart; Rothery, Deirdre; Morales, Monica
Subject: U&O FIP - Emission Reductions By Pollutant

Gail –

Here are summary level numbers of the emission reductions, by pollutant, that we estimate would be achieved by:

Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

EMISSION REDUCTIONS at		- Facilities => 5 TPY VOC AND	
		- Where sum Tank + Dehy + Pump => 4 TPY VOC	
Equipment	VOC (TPY)	Methane (TPY)	HAPS (TPY)
Glycol Dehydrators	15,506	1,191	7,291
Condensate/Oil Storage Tanks	14,334	4,616	895
Pneumatic Pumps	5,870	34,455	276
Pneumatic Controllers (all facilities)	5,116	30,029	240
LDAR	1,374	8,064	65
TOTAL	42,201	78,356	8,767
CO2 equivalent (MT/yr)		1,778,290	
CO2 equiv. w/ CH4 combustion (MT/yr)		1,551,459	

Ex. 5 - Deliberative Process

Row Labels	Sum of Dehy VOC (tpy)	Benzene (TPY)	Toluene (TPY)	Ethylbenzene (TPY)	Xylene (TPY)	n-
Anadarko Uintah Midstream, LLC	8	0.04	0.05	0.00	0.02	
Bill Barrett Corporation						
Crescent Point Energy U.S. Corp						
Enduring Resources, LLC						
EOG Resources, Inc.	6,500	619	1,557	56	1,075	
EP Energy E&P Company, L.P.						
Gasco Energy, Inc						
Kerr-McGee Oil and Gas Onshore LP						
Koch Exploration Company	474	38	97	4	75	
Newfield Production Company	58	7	12	2	9	
QEP Energy Company	328	13	11	0	4	
QEP Field Services Company	8	1	2	0	1	
Red Rock Gathering Company, LLC						
Rosewood Resources, Inc.						
Ultra Resources, Inc.	26	5	6	0	2	
Ute Energy, LLC						
Whiting Petroleum Company	68	25	21	1	5	
XTO Energy, Inc	8,352	821	1,442	37	1,265	
Grand Total	15,822	1,530	3,148	101	2,436	
# of Glycol Dehydrator Units/Facilities	1852					
Emission reductions achieved at	98%					
	15,506	1,499	3,085	99	2,387	

Cindy Beeler

US EPA Region 8, Energy Advisor
Office of the Regional Administrator
Tel: 303-312-6204
Beeler.Cindy@epa.gov

CONFIDENTIALITY NOTICE: This e-mail, including all attachments, is for the sole use of the intended recipients and may contain Confidential and privileged information. Any unauthorized use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of this message.

